

## ABSTRACT OF THE DISCLOSURE

A method for electroblowing fibers is provided which involves the steps of :

5 forcing a polymer fluid through a spinneret in a first direction towards a collector located a first distance from the spinneret, while simultaneously blowing a gas through an orifice that is substantially concentrically arranged around the spinneret, wherein the gas is blown substantially in the first direction;

wherein an electrostatic differential is generated between the spinneret and the collector; and

10 collecting the fibers, and its use in preparing submicron scale fibers of various types, particularly hyaluronan fibers, and the hyaluronan nanofibers thus formed.